

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
)	
NEUSS)	
)	
Serial Number to be assigned)	Attention:
)	PCT OFFICE
International App. PCT/EP00/04658)	DO/EO
)	
For: RADIALLY EXPANDABLE)	
VESSEL SUPPORT)	

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

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Per ANGUS
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PRELIMINARY AMENDMENT

Sir:

Prior to an examination on the merits, please amend the above identified application as follows:

IN THE CLAIMS:

Please cancel claims 1-24 and add new claims 25-44 as follows:

25. A radially expandable intraluminal vascular support comprises a plurality of coupled flexible zigzag formed annular elements ordered vertically along a longitudinal axis, the zigzag formed annular elements define a proximal end and a distal end of the intraluminal vascular support,

Wherein each zigzag annular element is coupled to at least one other annular element through at least one bending element, which is formed from an opposing pair of equivalent opening bow shaped connector bars, a pair of S-shaped connector bars, or H-shaped connector bars on the circumference of the zigzag annular elements.

26. A radially expandable intraluminal vascular support of claim 25, wherein the width of the bow shaped connector bars, or the S-shaped connector bars, is 10 to 50%, preferably 30%, smaller than the width of a strait formed connector bar of the zigzag formed annular elements.

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27. A radially expandable intraluminal vascular support of claim 25, wherein the zigzag formed annular elements are fitted with round bows, or C-shaped bows, or with hairpin shaped bows, or with bracket shaped bows.